XI. *To give Iron the Colour and Tincture of Copper. Communicated by Sir* Rob. Southwell, *F. R. S.*

TAke of ſmall thin Copper Pieces clean'd in the Fire ℥j. of *Aqua Fortis* ℥iij. which being together in a Glaſs the Copper in Three or Four Hours will be diſſolv'd, when 'tis cold you may uſe it, by waſhing with a Feather upon your Iron, that is preſently made clean and ſmooth and it will preſently take the Colour of Copper, when it cometh out with much rubbing you may renew it again, but if you do it twice together, the Iron will look black.

XII. *A way of Gnilding Gold upon Silver. Communicated by the ſame.*

BEat a Ducket thin, and diſſolve it in Two Ounces of *Aqua Regia,* then dip therein a clean Rag, and let the ſame dry, and do it again and again till all the ſaid Liquor be ſoak'd up, then burn the ſaid Rag, and with the Tinder thereof let Silver be rub'd, uſing therewith a little Spittle, and if by chance the Silver will not take, then hold it to the Fire to take away all manner of Greaſe and it will not fail.

Memorandum, This Method is known to very few Goldſmiths in *Germany.*